

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/058,820A  
Source: 1FW16  
Date Processed by STIC: 4/1/05

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 04/01/2005

PATENT APPLICATION: US/10/058,820A

TIME: 14:57:45

Input Set : A:\0399.2025-002 SUBSTITUTE seq listing.txt

Output Set: N:\CRF4\04012005\J058820A.raw

4 <110> APPLICANT: Bogan, Jonathan S.  
 5 Lodish, Harvey F.  
 7 <120> TITLE OF INVENTION: Expression Cloning Method  
 10 <130> FILE REFERENCE: 0399.2025-002  
 12 <140> CURRENT APPLICATION NUMBER: US 10/058,820A  
 13 <141> CURRENT FILING DATE: 2002-01-28  
 15 <150> PRIOR APPLICATION NUMBER: US 60/325,651  
 16 <151> PRIOR FILING DATE: 2001-09-28  
 18 <150> PRIOR APPLICATION NUMBER: US 60/298,963  
 19 <151> PRIOR FILING DATE: 2001-06-18  
 21 <150> PRIOR APPLICATION NUMBER: US 60/264,816  
 22 <151> PRIOR FILING DATE: 2001-01-26  
 24 <160> NUMBER OF SEQ ID NOS: 24  
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply  
Corrected Diskette Needed

## ERRORED SEQUENCES

1344 <210> SEQ ID NO: 23  
 1345 <211> LENGTH: 212  
 1346 <212> TYPE: PRT  
 1347 <213> ORGANISM: Unknown  
 1349 <220> FEATURE:  
 1350 <223> OTHER INFORMATION: L1 predicted secondary structure  
 E--> 1352 <400> SEQUENCE: ①23<

1353	Cys	Cys	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Cys	Cys	Cys	Cys	Cys	Cys
1354	1				5					10					15	
1355	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1356				20						25					30	
1357	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1358				35						40					45	
1359	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1360				50						55					60	
1361	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1362	65						70								75	
1363	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1364							85								90	
1365	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1366							100								105	
1367	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1368							115								120	
1369	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys	Cys
1370							130								135	

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1371 Cys Cys Cys Cys Cys Cys Cys Cys Cys Cys Glu Glu Glu Cys Cys Cys  
 1372 145 150 155 160  
 1373 His His His His His His His Cys Cys Cys Cys Cys His His His  
 1374 165 170 175  
 1375 His His His His His His His His His His His His His His His  
 1376 180 185 190  
 1377 His His His His His His His Cys Cys Cys Cys His His His His His  
 1378 195 200 205  
 1379 His Cys Cys Cys  
 1380 210

1383 &lt;210&gt; SEQ ID NO: 24

1384 &lt;211&gt; LENGTH: 212

1385 &lt;212&gt; TYPE: PRT

1386 &lt;213&gt; ORGANISM: Unknown

1388 &lt;220&gt; FEATURE:

1389 &lt;223&gt; OTHER INFORMATION: L1 target sequence

E--&gt; 1391 &lt;400&gt; SEQUENCE: ②24←

1392 Ser Ala Thr Ile Arg Phe Val Ile Lys Gln Cys Asp Thr Ala Gly Lys  
 1393 1 5 10 15  
 1394 Gln Glu Ser Ile Ala Val Arg Ser Lys Ala Pro Gly Ser Pro Val Ser  
 1395 20 25 30  
 1396 Ser Leu Ser Ala Asp Gln Ala Ser Ser Thr Leu Leu Pro Leu Asn  
 1397 35 40 45  
 1398 Ser Gly Glu Phe Ser Arg Gly Asp Leu Asn His Glu Gly Asp Ala Asn  
 1399 50 55 60  
 1400 Thr Ser Gly Thr Gly Leu Glu Gly Gly Pro Lys Pro Thr Asp Ala Gln  
 1401 65 70 75 80  
 1402 Thr Lys Gln Ser Thr Ser Glu Pro Ala Ser Ala Pro Phe Val Pro Phe  
 1403 85 90 95  
 1404 Ser Gly Gly Gly Gln Arg Leu Gly Gly Pro Ser Ala Ser Leu Arg Pro  
 1405 100 105 110  
 1406 Leu Thr Ser Pro Ser Ala Asn Ser Ser Lys Ser Phe Ser Gly Pro Gly  
 1407 115 120 125  
 1408 Gly Pro Ser Lys Pro Lys Lys Pro Lys Pro Gly Glu Glu Pro Gln Gln  
 1409 130 135 140  
 1410 Glu Pro Glu Pro Pro Val Asp Arg Asp Pro Val Val Tyr His Pro Asp  
 1411 145 150 155 160  
 1412 Leu Glu Asp Leu Leu Gln Pro Trp Pro Ala Glu Val Pro Asp Glu Phe  
 1413 165 170 175  
 1414 Phe Glu Val Thr Val Asp Asp Val Arg Arg Arg Leu Ala Gln Leu Lys  
 1415 180 185 190  
 1416 Ser Glu Arg Lys Arg Leu Glu Glu Ala Pro Leu Val Thr Lys Ala Phe  
 1417 195 200 205  
 1418 Arg Glu Ala Gln  
 1419 210

## VERIFICATION SUMMARY

DATE: 04/01/2005

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TIME: 14:57:46

Input Set : A:\0399.2025-002 SUBSTITUTE seq listing.txt

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L:553 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:557 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:561 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:565 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:569 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:573 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:577 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:581 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:585 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:589 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:593 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:597 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:601 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:605 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:609 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:613 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:617 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:621 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:625 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:629 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:633 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:637 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:641 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:645 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:649 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:653 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:657 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:661 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:665 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:669 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:673 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:677 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:681 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:685 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:689 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:693 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:697 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:701 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:705 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:709 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:713 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:717 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:721 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:725 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:729 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:733 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:737 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10  
L:741 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10

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L:745 M:258 W: Mandatory Feature missing, &lt;220&gt; Tag not found for SEQ ID#:10

L:749 M:258 W: Mandatory Feature missing, &lt;220&gt; Tag not found for SEQ ID#:10

L:753 M:258 W: Mandatory Feature missing, &lt;220&gt; Tag not found for SEQ ID#:10

L:1073 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:32

M:341 Repeated in SeqNo=10

L:1352 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:23 differs:1

L:1391 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:24 differs:2